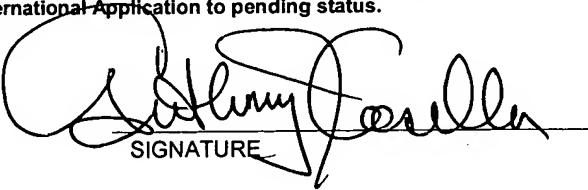


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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER Sartorius-11
INTERNATIONAL APPLICATION NO. PCT/EP2003/006296	INTERNATIONAL FILING DATE 14 June 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107517566
PRIORITY DATE 12 July 2002		
TITLE OF INVENTION CROSSFLOW-FILTRATION METHOD FOR BEVERAGES		
APPLICANT(S) FOR DO/EO/US Michael Rodenberg, Bernhard Diel, Matthias Grabosch, and Dieter Armgart		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT 		
<p>Items 11 to 20 below concern document(s) or information</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO., if known, see 37 CFR 107517566	INTERNATIONAL APPLICATION NO. PCT/EP2003/006296	ATTORNEY'S DOCKET NUMBER Sartorius-11																					
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY																					
BASIC NATIONAL FEE (37 CFR 1.492 (a)(1) - (5)) :																							
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO		\$1110.00																					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO		\$950.00																					
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO		\$790.00																					
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)		\$750.00																					
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)		\$100.00																					
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 950.00																					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$																					
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>20 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$88.00</td> </tr> <tr> <td colspan="2">Multiple Dependent Claims (if applicable)</td> <td>+ \$300</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td>TOTAL OF ABOVE CALCULATIONS</td> <td>= \$ 950.00</td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	20 - 20 =	0	x \$18.00	Independent claims	1 - 3 =	0	x \$88.00	Multiple Dependent Claims (if applicable)		+ \$300	\$			TOTAL OF ABOVE CALCULATIONS	= \$ 950.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																				
Total claims	20 - 20 =	0	x \$18.00																				
Independent claims	1 - 3 =	0	x \$88.00																				
Multiple Dependent Claims (if applicable)		+ \$300	\$																				
		TOTAL OF ABOVE CALCULATIONS	= \$ 950.00																				
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.:.		\$ 0.00																					
		SUBTOTAL = \$ 950.00																					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$																					
		TOTAL NATIONAL FEE = \$ 950.00																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per		+ \$ 40.00																					
		TOTAL FEES ENCLOSED = \$ 990.00																					
		Amount to be refunded: \$																					
		Amount to be charged: \$																					
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$990.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account _____ in the amount _____ to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 03-1030. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																							
SEND ALL CORRESPONDENCE TO:																							
 Anthony J. Casella, Esq. Customer No. 001218 CASELLA & HESPOS LLP 274 Madison Avenue - Suite 1703 New York, NY 10016 Tel. (212) 725-2450 Fax (212) 725-2452																							
Anthony J. Casella, Esq. NAME 24,095 REGISTRATION NUMBER																							



Certificate of Accuracy

TRANSLATION

From German into English

**STATE OF NEW YORK }
COUNTY OF NEW YORK }
S.S.:**

On this day personally appeared before me
who, after being duly sworn, deposes and states: Elisabeth A. Lucas

That he is a translator of the **German** and English languages by profession and as such connected with the **LAWYERS' & MERCHANTS' TRANSLATION BUREAU**;

That he is thoroughly conversant with these languages;

That he has carefully made the attached translation from the original document written in the **German** language; and

That the attached translation is a true and correct English version of such original, to the best of his knowledge and belief.

**SUBSCRIBED AND SWORN TO BEFORE ME
THIS**

NOV 09 2004

Wences

Susan Parker

**Susan Tapley
Notary Public, State of New York
No. 01TA4999804
Qualified in Queens County
Certificate filed in New York County
and Kings County
Commission Expires July 27, 2006**

10/517566

DTOS Rec'd PCT/PTO 09 DEC 2004
Docket No.

Sartorius-11

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Michael Rodenberg,

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit
--	Concurrently herewith	--	001218	--

Invention: **CROSSFLOW-FILTRATION METHOD FOR BEVERAGES**

I hereby certify that the following correspondence:

U.S. National Phase of PCT/EP2003/006296

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

December 9, 2004

(Date)

Janis van Akelijen

(Typed or Printed Name of Person Mailing Correspondence)

J. VAN AKELIJEN

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